

MATERIAL SAFETY DATA SHEET

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MSDS # 111849001

DEEP WOODS® OFF! FOR SPORTSMEN INSECT REPELLENT IV (A

Date Issued: 10Jul2002

Supersedes: 23Aug1999

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (888) 779-7920
International Emergency Phone:
(262) 886-1480

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	2	Health	2	S.C. Johnson and Son, Limited
3-High	4	Flammability	4	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DEEP WOODS® OFF! FOR SPORTSMEN INSECT REPELLENT IV (AEROSOL)
REASON FOR CHANGE..... Section 4. Section 13.
PRODUCT USE..... Insect repellent.

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Butane (CAS# 106-97-8).....	1-5	800 ppm ACGIH/OSHA TWA
Propane (CAS# 74-98-6).....	1-5	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	1-5	NOT ESTABLISHED
Water (CAS# 7732-18-5).....	3-7	NOT ESTABLISHED
N,n-diethyltoluamide (CAS# 134-62-3).....	25-35	NOT ESTABLISHED
Ethanol (CAS# 64-17-5).....	50-60	1000 ppm ACGIH/OSHA TWA

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.
EFFECTS OF ACUTE EXPOSURE:
EYE..... May cause: Moderate eye irritation.
SKIN..... May cause skin reactions in rare cases.
INHALATION..... None known.
INGESTION..... May cause: Abdominal discomfort.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek immediate medical attention.

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SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT..... If reaction occurs, wash skin and seek medical attention.
INHALATION..... No special requirements.
INGESTION..... Contact nearest poison control center. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not administer anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)
FLAMMABLE LIMITS..... Not available.
AUTOIGNITION..... Not available.
TEMPERATURE
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.
SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.
PROCEDURES
UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of fire.
EXPLOSION HAZARDS

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.
CASE MATERIAL IS
RELEASED OR SPILLED

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... WARNING: Harmful if swallowed. May cause eye injury. Avoid contact with eyes and lips. FLAMMABLE: Keep away from sources of ignition. CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Do not smoke while using.
INFORMATION
OTHER HANDLING AND..... Keep out of reach of children. Do not puncture or incinerate.
STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
VENTILATION..... General room ventilation adequate.
PROTECTIVE GLOVES..... No special requirements under normal use conditions.
EYE PROTECTION..... No special requirements under normal use conditions.
OTHER PROTECTIVE..... No special requirements.
MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear
PRODUCT STATE..... Dispensed as a spray mist.

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

ODOR.....	Citrus
pH.....	Not applicable.
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Appreciable
SPECIFIC GRAVITY.....	0.812
(H2O=1)	
VAPOR DENSITY (AIR=1)..	Not available.
EVAPORATION RATE (BUTYL	Not available.
ACETATE=1)	
VAPOR PRESSURE (mm HG)..	1290 mm Hg
BOILING POINT.....	Not available.
FREEZING POINT.....	Not applicable.
COEFFICIENT OF.....	Not available.
WATER/OIL	
PERCENT VOLATILE BY....	Not available.
VOLUME (%)	
VOLATILE ORGANIC.....	Ethanol. Hydrocarbon propellant
COMPOUND (VOC)	
THEORETICAL VOC.....	6.83
(LB/GAL)	

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY.....	Stable
STABILITY - CONDITIONS.	Excessive heat.
TO AVOID	
INCOMPATIBILITY.....	Avoid contact with: Rubber, Plastic, Strong oxidizing materials
	(e.g. liquid chlorine).
HAZARDOUS DECOMPOSITION	When exposed to fire: Produces normal products of combustion.
PRODUCTS	
HAZARDOUS.....	Will not occur.
POLYMERIZATION	
HAZARDOUS.....	Not applicable.
POLYMERIZATION -	
CONDITIONS TO AVOID	

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX) ..	Between 2500 and 5000 mg/kg (rats).
LD50 (ACUTE DERMAL TOX)	Estimated to be greater than 2000 mg/kg.
LC50 (ACUTE INHALATION.	Not available.
TOX)	
EFFECTS OF CHRONIC.....	None known.
EXPOSURE	
SENSITIZATION.....	None known.
CARCINOGENICITY.....	None known.
REPRODUCTIVE TOXICITY..	None known.
TERATOGENICITY.....	None known.
MUTAGENICITY.....	None known.

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SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA..... Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... If empty: This container may be recycled in the few but grow ing
INFORMATION number of communities where aerosol can recycleing is
available.Before offering for recycling, empty the container by
using the product according to the label.If recycling is not
available, place in trash. If partially filled:Call your local
solid waste agency or 1-800-558-5252 for disposal instructions.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION..... Not applicable.
CANADIAN SHIPPING NAME. DEEP WOODS® OFF! FOR SPORTSMEN INSECT REPELLENT IV (AEROSOL)
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Consumer commodity

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic
Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements
under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION. NFPA 30B Level 2 Aerosol. P.C.P. Registration #: 23487
EPA REGISTRATION #..... 4822-397

PREPARATION INFORMATION

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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